

## **NETWORK GUIDELINE**

Guideline:	Severe Combined Immune Deficiency (SCID) Newborn Screening Pathway for use on the Neonatal Unit (North Hub)		
Version:	1		
Date:	January 2023		
Review Date:	January 2026		
Approval:	EMNODN Clinical Governance Group		
Authors:	Dr E McDermott, Dr L Cliffe, Dr A Wynn-Davies		
Consultation:	EMNODN Clinical Governance Group		
Distribution:	Neonatal Units within EMNODN North Hub		
Risk Managed:	Introduction of SCID screening as part of Newborn blood spot screening from September 2021. A guideline to manage abnormal results safely and promptly.		

This document is a guideline. Its interpretation and application remains the responsibility of the individual clinician, particularly in view of its applicability across the different Trusts in the East Midlands Neonatal Operational Delivery Network – North Hub. Please also consult any local policy/guideline document where appropriate and if in doubt contact a senior colleague.

Caution is advised when using guidelines after a review date.

## **REVIEW AND AMENDMENT LOG**

Version	Type of Change	Date	Description of Change
1	New guideline	Oct 2022	-

## Pathway For Responding to Abnormal TRECS Result Pre-Term Infants

Abnormal TRECs result on Newborn screening in Sheffield

- Preterm infant result fails pre-term cut off
- Or post 37 weeks/pre discharge repeat bloodspot result fails term cut off

Result phoned through to Immunology team\* Mon-Fri 9-5

Baby located - Nottingham or regional NICU

Member of immunology team contacts Neonatal Consultant on Service for relevant neonatal unit

Information on screening result given, history discussed and liaison for discussion with parents (virtually if needed). Arrange to send blood for definitive testing (flow cytometry) to NUH QMC Campus by taxi

Blood processed by Immunology lab and report issued

Normal Result (90%)
Result communicated by
Immunology team\* to Neonatal
Consultant and parents (virtually

Outcome letter or electronic clinical note to GP and BCG provider if applicable

No further follow up

if needed).

Abnormal result (5% SCID, 5% other)

Result communicated by Immunology medical staff to Neonatal Consultant
If baby in Nottingham Immunology medical staff can attend unit to provide direct communication with family.

Further tests for baby and mother (maternal CMV) if required

Appropriate follow up and referrals made by Immunology team including liaison with GOSH/Newcastle if SCID

\* e.g. Consultant Immunologist, Consultant Paediatrician with expertise in immunology, Immunology paediatric CNS